

## CWSRF Benefits Reporting

<b>Loan:</b> 30 of 97	<input checked="" type="checkbox"/> Entry Complete		
Borrower: Crisfield, City of	Loan Execution Date: 09/22/2005	Tracking #: WW0645	Other #:
Assistance Type: Loan	Loan Interest Rate: 0.88%	Incremental Funding: N	Phase #: 0
Loan Amount \$: \$582,573.00	Repayment Period: 20	Original Tracking #:	
<input type="checkbox"/> Final Amount	% Funded by CWSRF: 5.00%	Same Environmental Results:	<input type="checkbox"/>
Total from all Projects \$: 582,573.00	Multiple nonpoint source projects with similar Environmental Results:	<input type="checkbox"/>	Total NPS Projects: 0

**Project:** 1 of CW Needs Survey Number : # of NPS Projects: 0

**Project Description:** This project involves planning, design and construction of an enhanced nutrient removal upgrade at the existing 1.0 gallons per day Crisfield Wastewater Treatment Plant to achieve 3 mg/l total nitrogen in effluent water quality.

**Facility Name:** Crisfield Wastewater Treatment Plant

**Population Served** (Current) :

by the Project: 2,880

by the Facility: 2,880

**Wastewater Volume** (Design Flow)

by the Project: 1.0000mgd Volume 0.0000mgd

by the Facility: 1.0000mgd

**Needs Categories:**

II Advanced Treatment \$582,573.00 100 %

**Discharge Information:**

☐ Ocean Outfall ☐ Estuary/Coastal Bay ☐ Wetland ☒ Surface Water ☒ Groundwater ☐ Land Application  
☐ Other/Reuse ☐ Eliminates Discharge ☐ No Change / No Discharge ☐ NEP Study ☐ Seasonal Discharge

NPDES Permit Number: MD002001

☐ No NPDES Permit

Other Permit Type: Sewage Treatment Plant

Other Permit Number: 4-25-1207

**Affected Waterbodies:**

	<u>Waterbody Name</u>	<u>Waterbody ID</u>	<u>State Waterbody ID</u>	<u>Receiving Waterbody</u>
Primary Impacted :	Lower Wicomico River	02060009	02130206	<input checked="" type="checkbox"/>
Other Impacted :				<input type="checkbox"/>

**Project Improvement/Maintenance of Water Quality:**

a. Contributes to water quality Improvement.  
b. Allows the system to Maintain Compliance.  
c. Affected waterbody is Impaired.  
d. Allows the system to address..... ☐ Existing TMDL ☒ Projected TMDL ☐ Watershed Management Plan

**Designated Surface Water Uses (Selected):**

Water Contact Recreation  
Protection of Aquatic Life  
Agricultural Water Supply  
Industrial Water Supply

Protection:

Primary  
Primary  
Secondary  
Secondary

Restoration:

**Other Uses and Outcomes (Selected):**

Groundwater Protection  
Other Public Health/Pathogen Reduction

Protection:

Primary  
Primary

Restoration:

**Comments:** Total project cost: \$10,687,950 - Other Funding: 19% BNR Grant(\$2,026,100), 40% Bay Restoration Fund (4,231,000), 9% SWQH (\$1,013,050), 23% EPA Grant (\$2,417,800) and 4% other.

At design capacity this upgrade will reduce nitrogen discharge into the Chesapeake Bay by approx. 45,000 lbs/year.